



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Monday September 13, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Tropical Storm Nicholas is forecast to make landfall along the TX coast later today & move inland over SE TX on Tue & into LA on Wed.**
 - Heavy rain/flooding is the main impact, primarily for the middle and upper TX coast today, SE TX into SW & S-Central LA Tue, S & Central LA on Wed.
 - Tropical storm winds are expected along/near the TX coast today, with hurricane winds possible for the middle TX coast this afternoon and tonight.
 - Some storm surge and/or coastal flooding and isolated tornadoes are possible for the TX coast today. Isolated tornadoes possible for SE TX into SW&S-Central LA Tue.
- **A tropical depression could form in the western Atlantic later this week. No impacts to FEMA 6.**
- **A tropical depression is likely to form in the eastern Atlantic by late this week. No impacts to FEMA 6 for at least the next 5 days.**

FEMA Region 6 Threat Matrix

Sep 13, 2021 - Sep 17, 2021



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DAY / THREAT	Mon	Tue	Wed	Thu	Fri
Severe Storms	TX coast	SETX SW & S-Central LA			
Heavy Rain / Flash Flooding	Mid & Upper TX coast	SETX SW & S-Central LA	S & Central LA		
	Low TX coast, SW LA				
Fire Weather					
Tropical Winds / Surge	TX Coast				
Heat					
River Flooding		Coastal TX, LA	Coastal TX, LA	Coastal TX, LA	Coastal TX, LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf

See next slide for more information



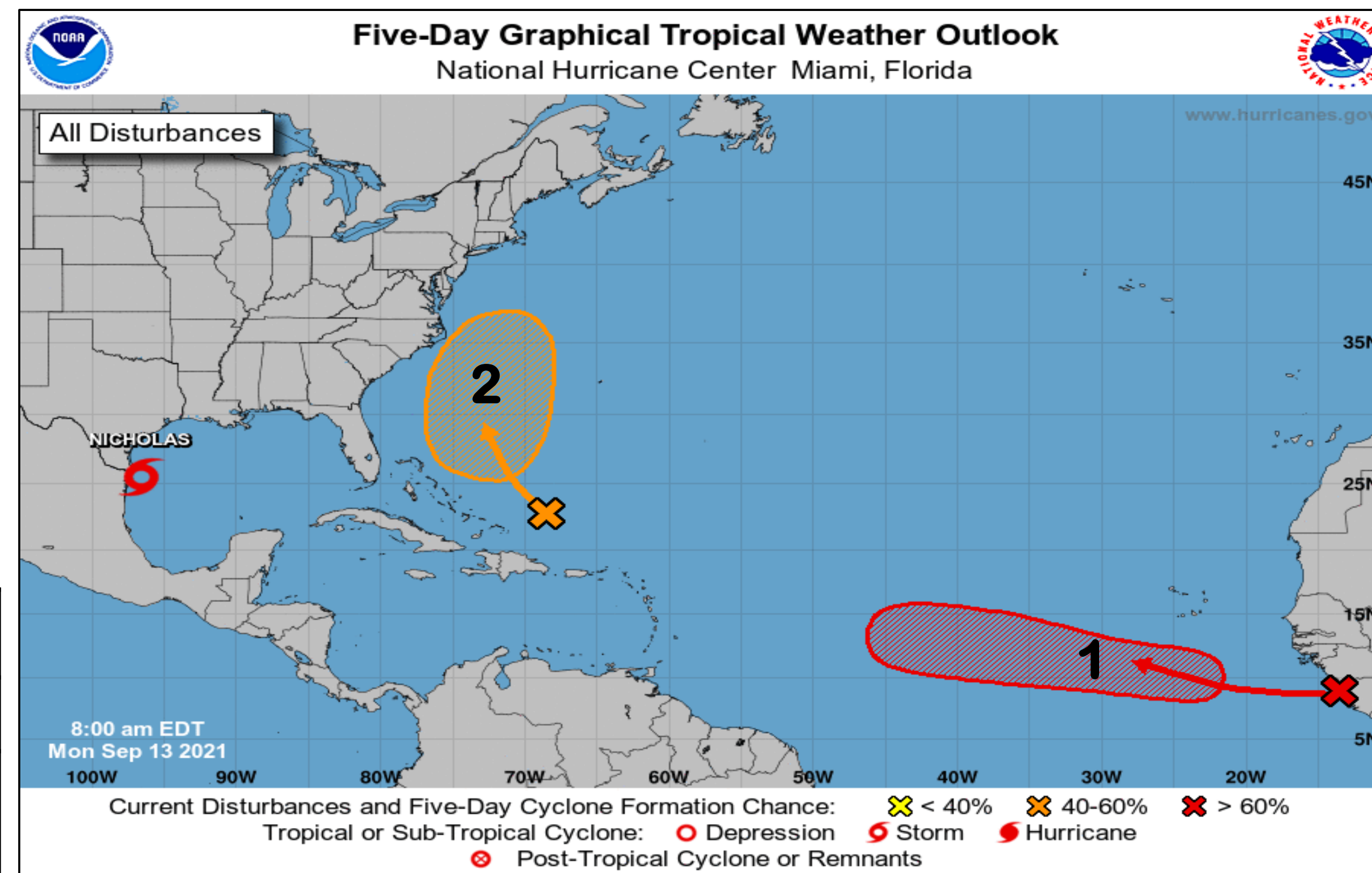
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	High	None in the next 5 days.
2	Medium	None.

Active Tropical Cyclones

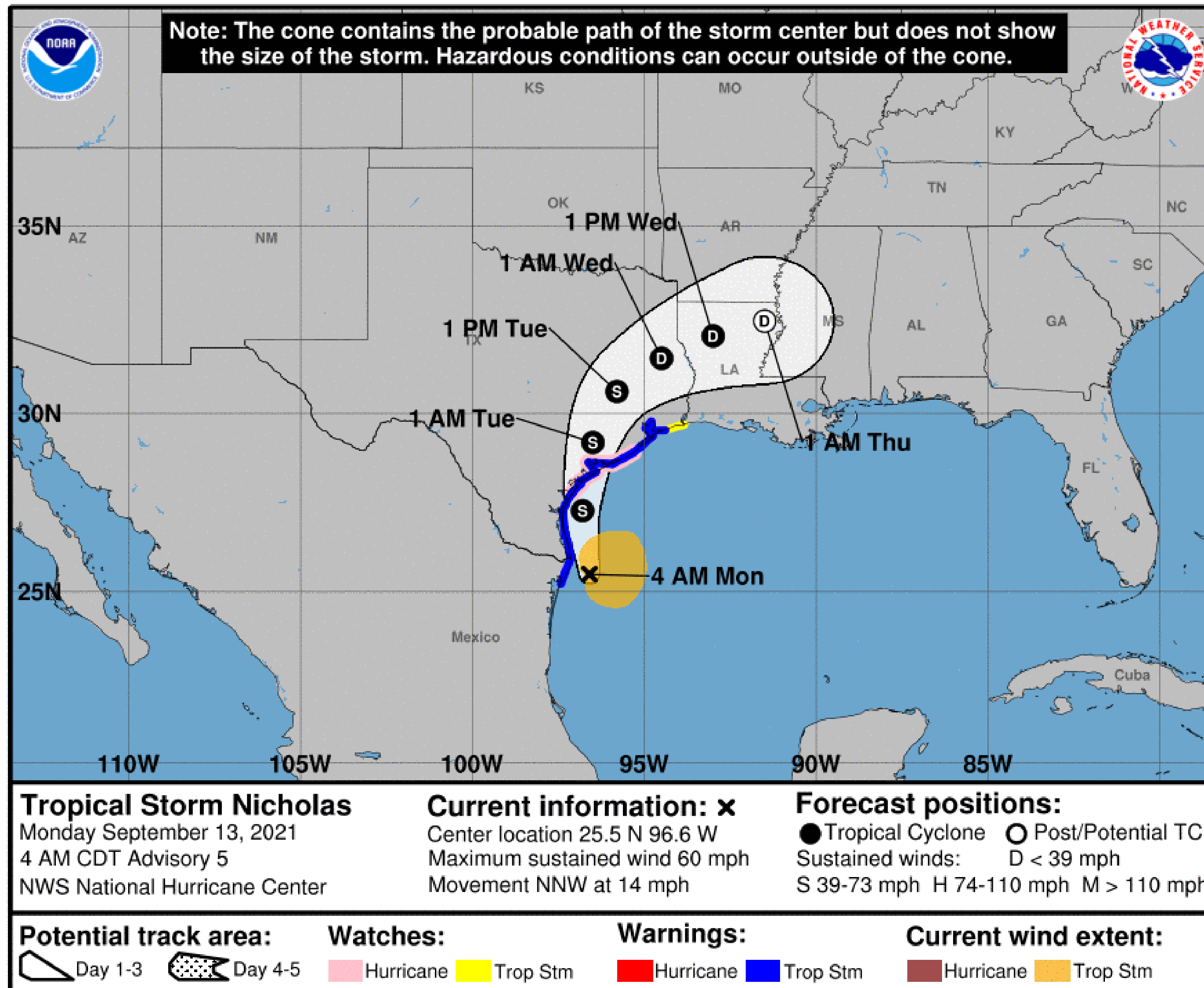
Storm	Potential Impacts to FEMA 6
Nicholas	Heavy rain/flooding for the TX coast into LA. Tropical storm force winds, storm surge flooding, and isolated tornadoes for the TX coast.



Nicholas

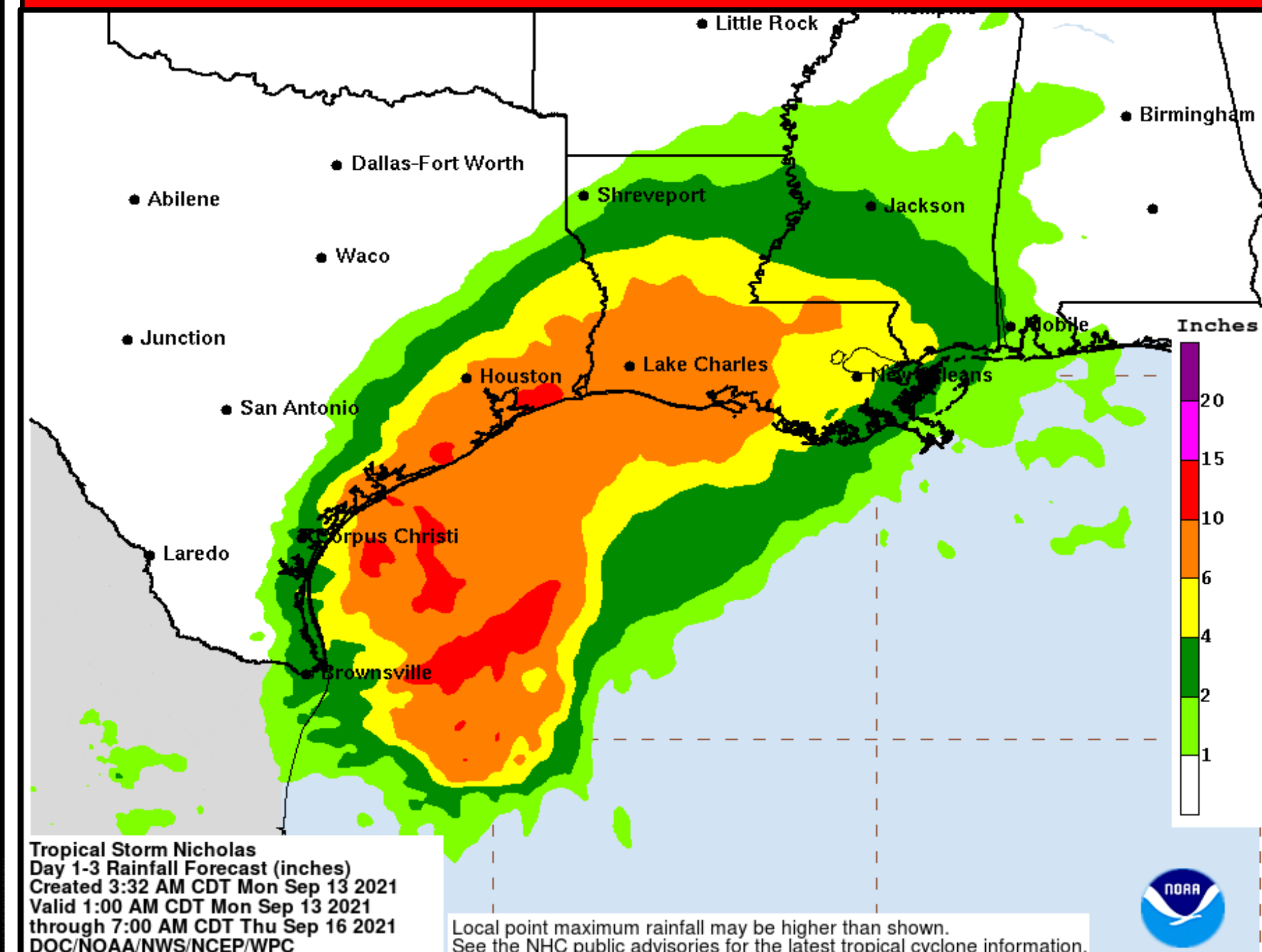


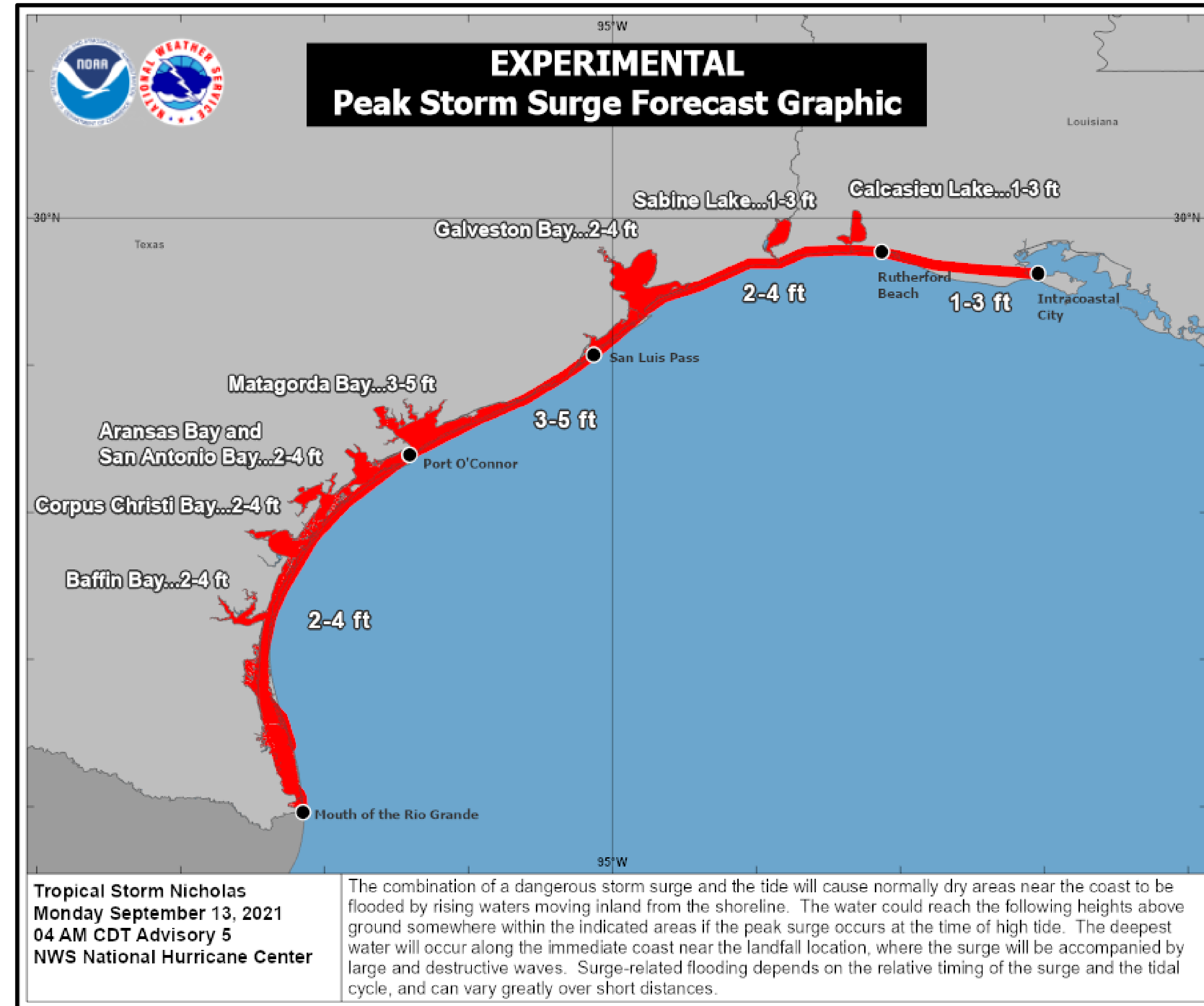
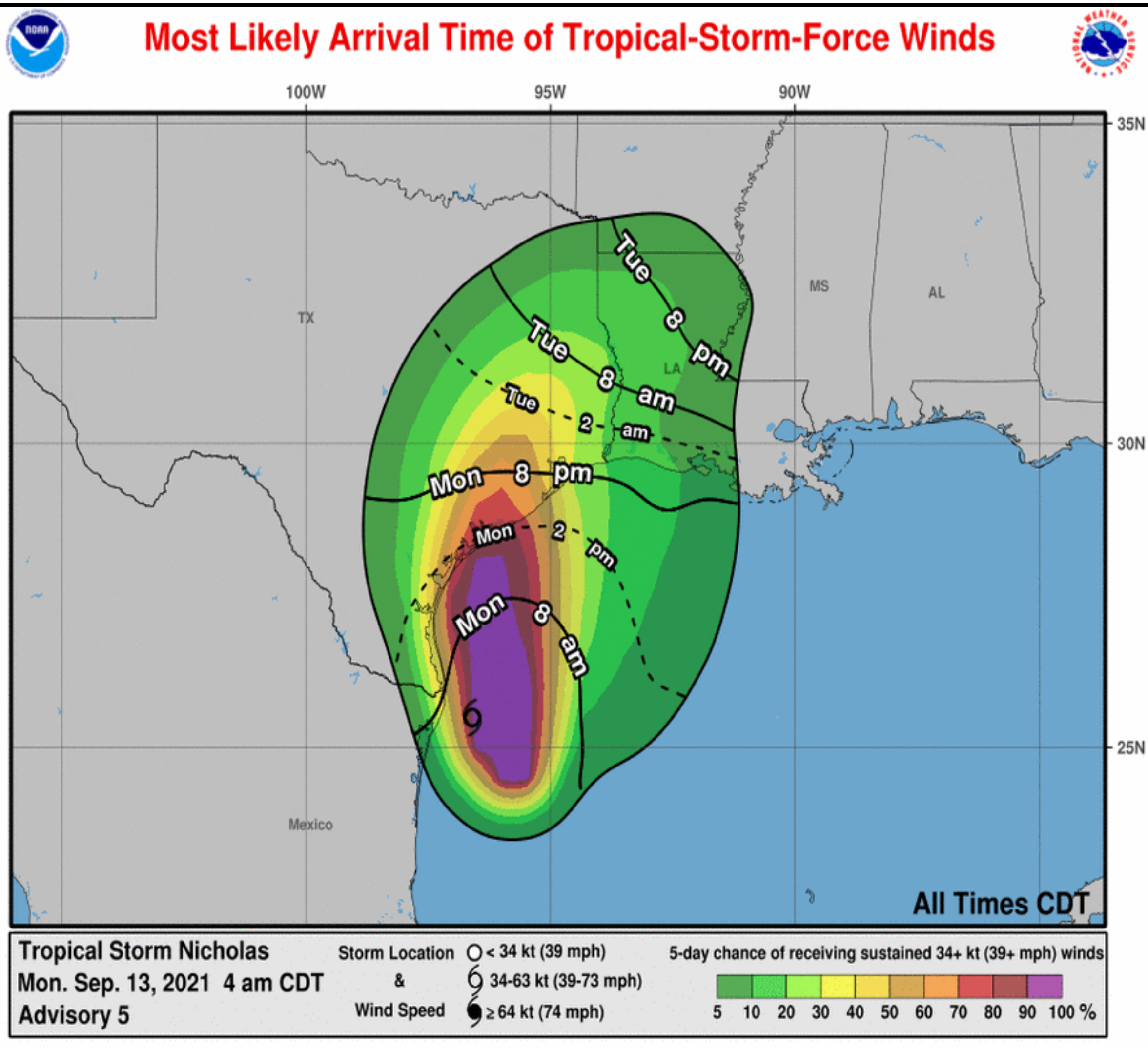
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Tropical Storm Nicholas is forecast to make landfall along the TX coast later today and move inland over SE TX on Tue & into LA on Wed.

Heavy rain/flooding is the main impact, primarily for the middle and upper TX coast today, SE TX into SW & S-Central LA Tue, S & Central LA on Wed.





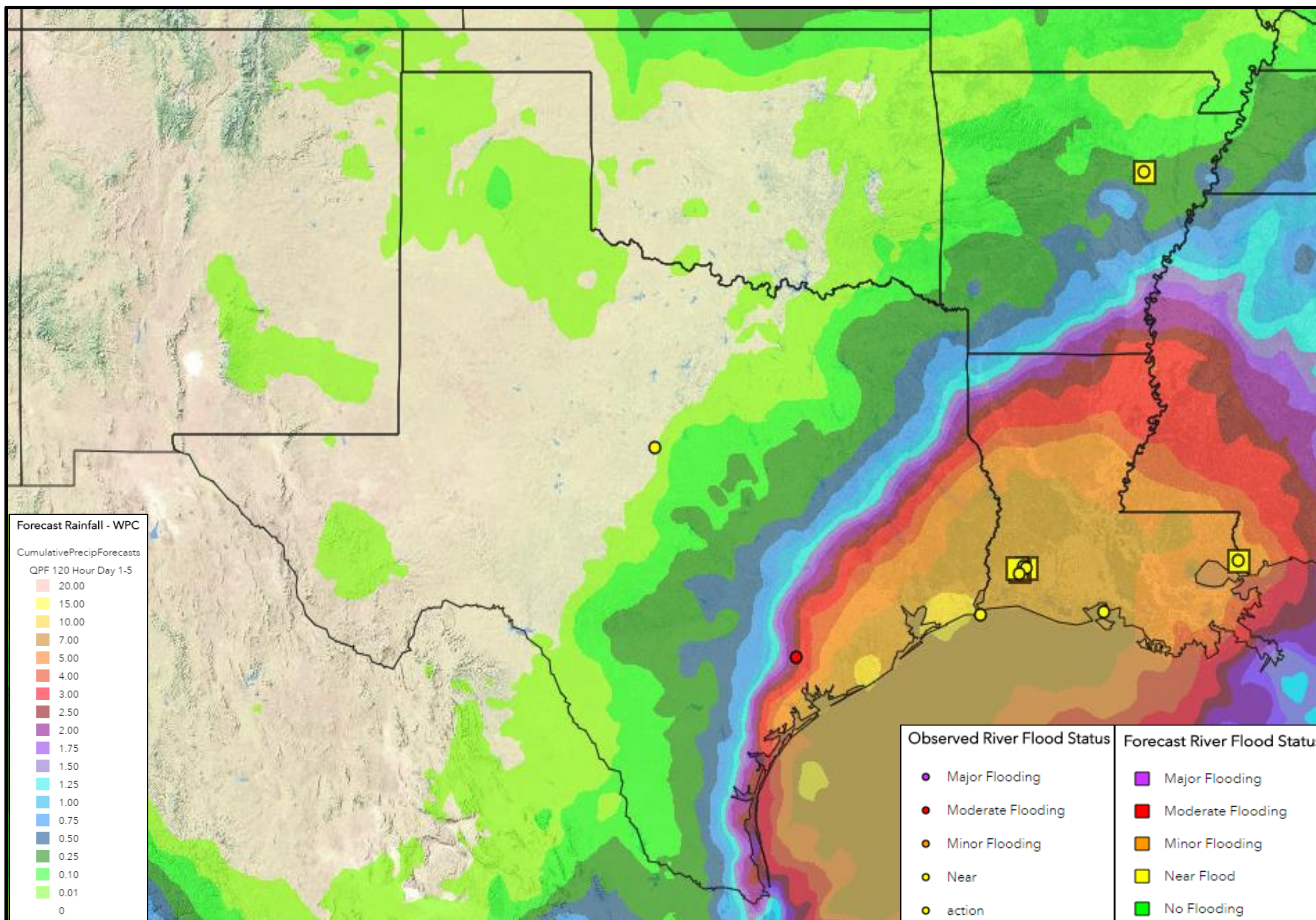
5-Day Precipitation Forecast & River Flood Status



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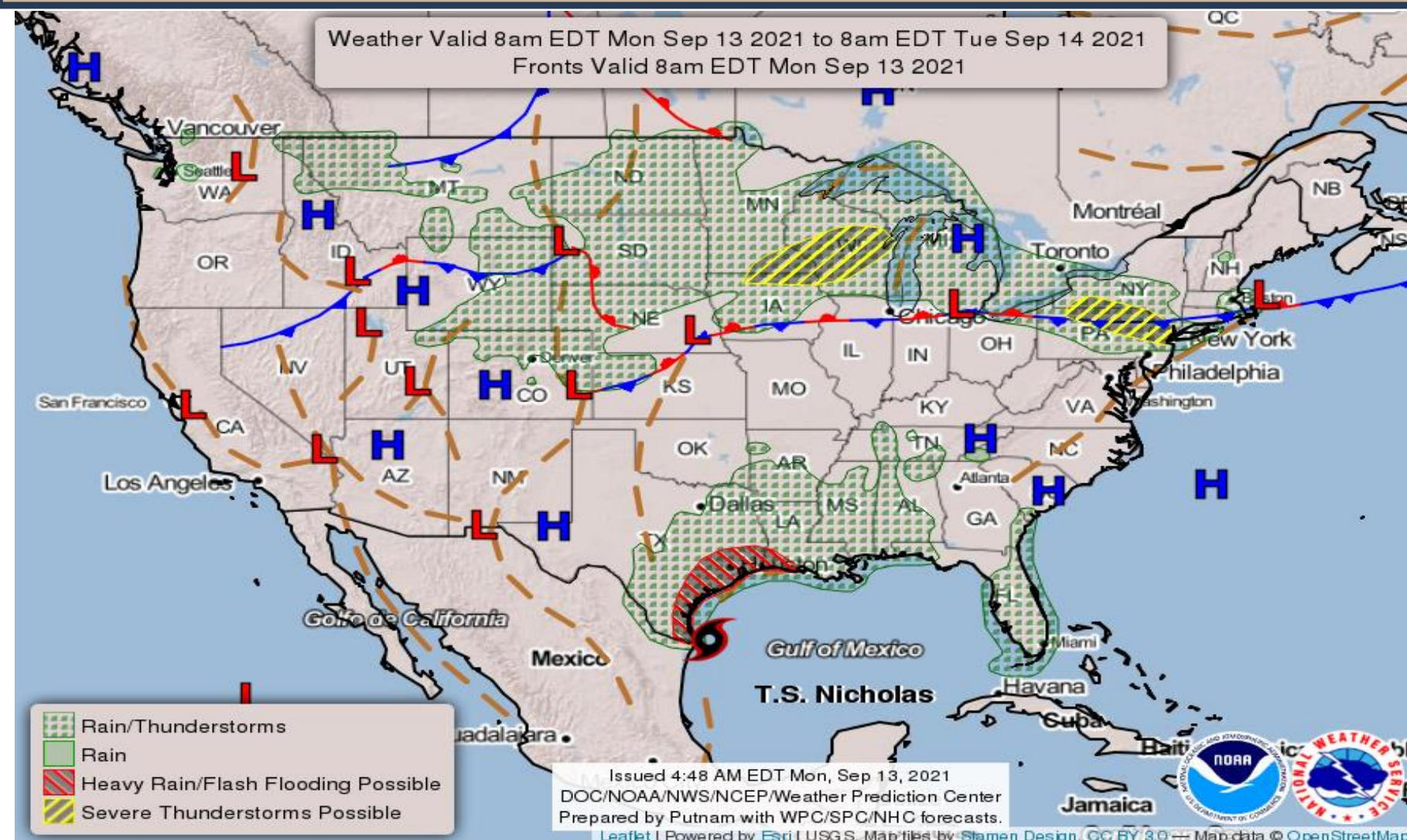
Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

Minor to moderate flooding possible for coastal TX into LA due to heavy rain from Nicholas starting on Tuesday continuing into the weekend.

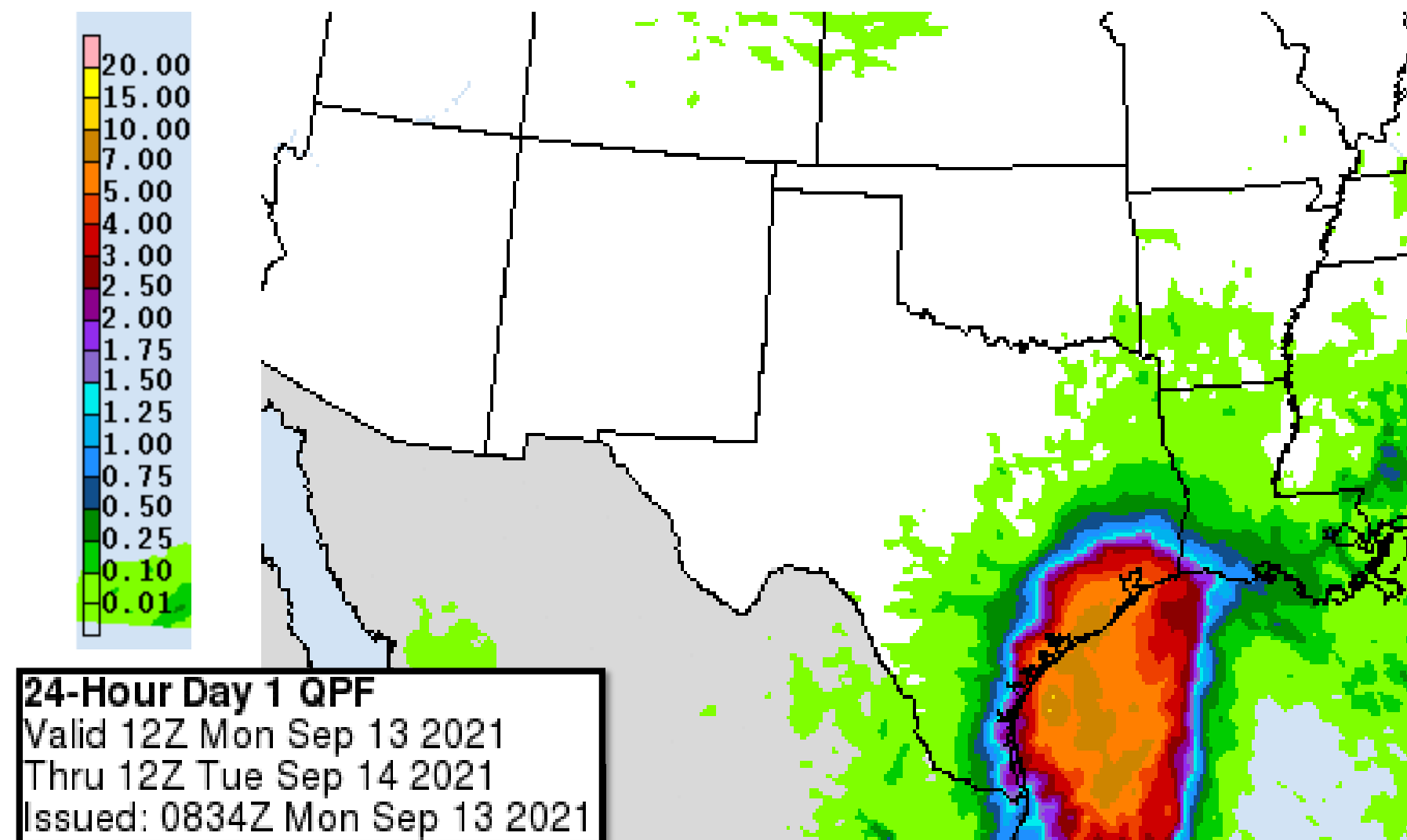


Today's Weather

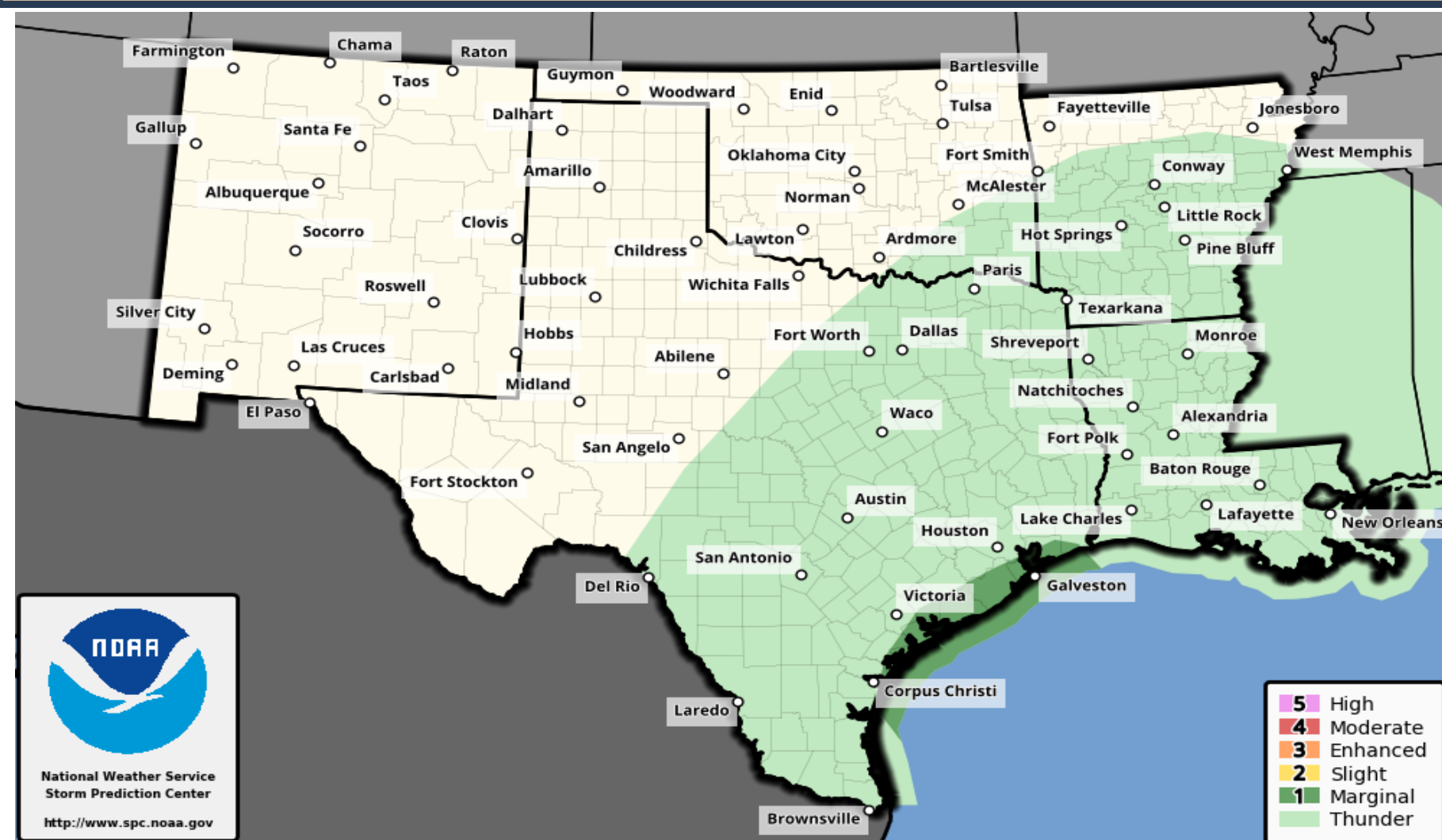
Forecast Chart



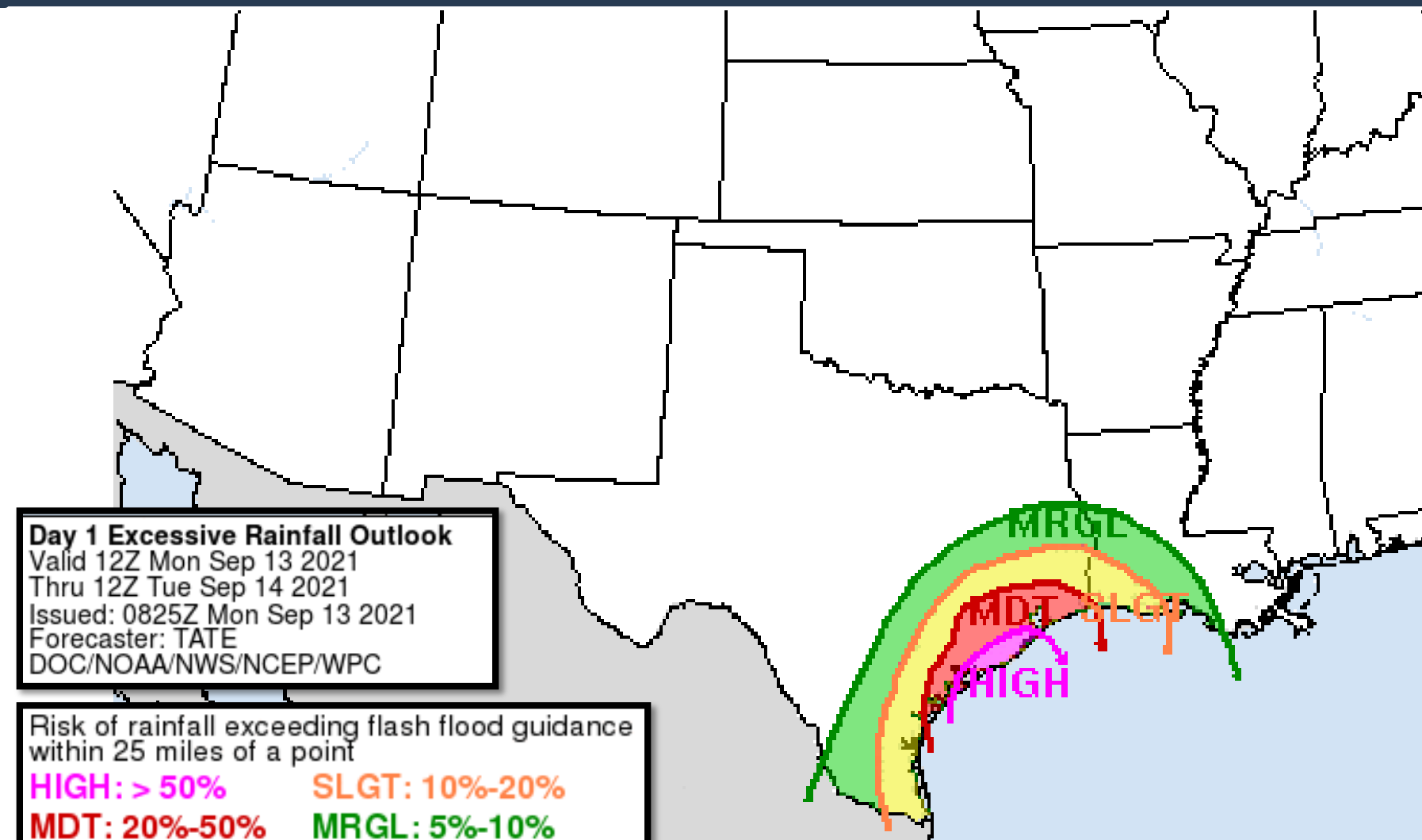
Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook



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Significant heavy rain will lead to flash and urban flooding for the Middle to Upper TX coast.

Heavy rain will also have the potential to lead to flash and urban flooding for the Lower TX coast and SW LA.

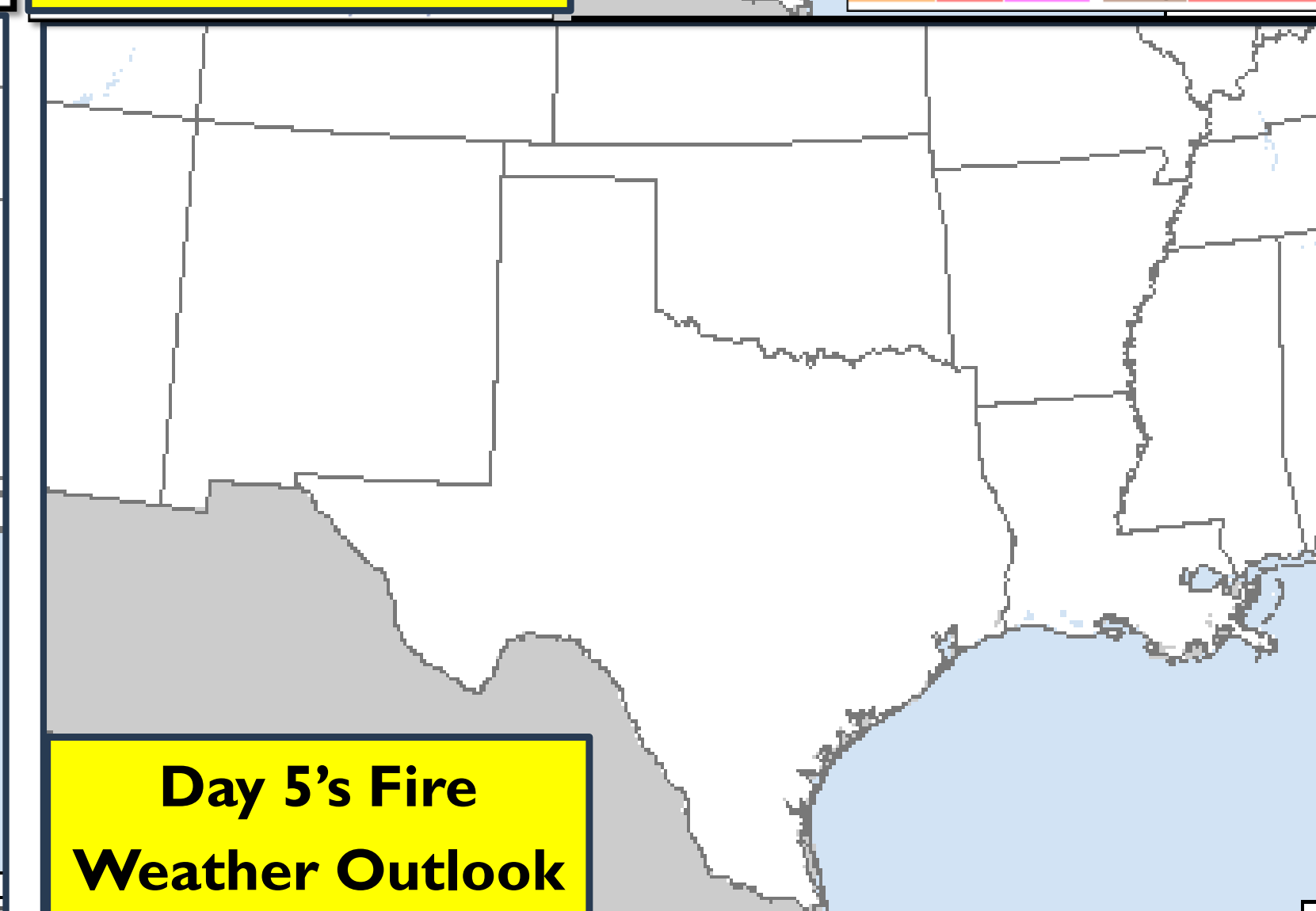
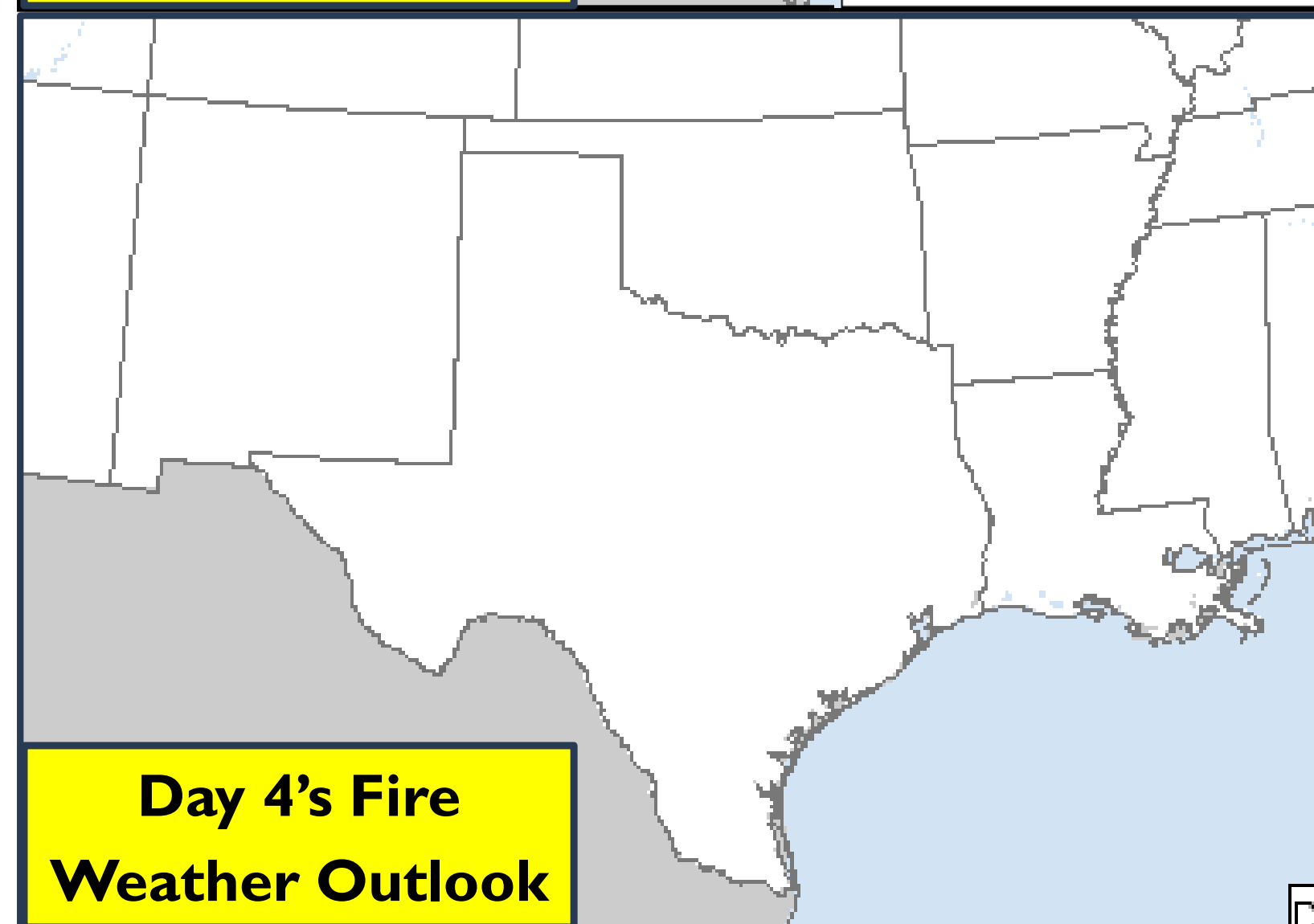
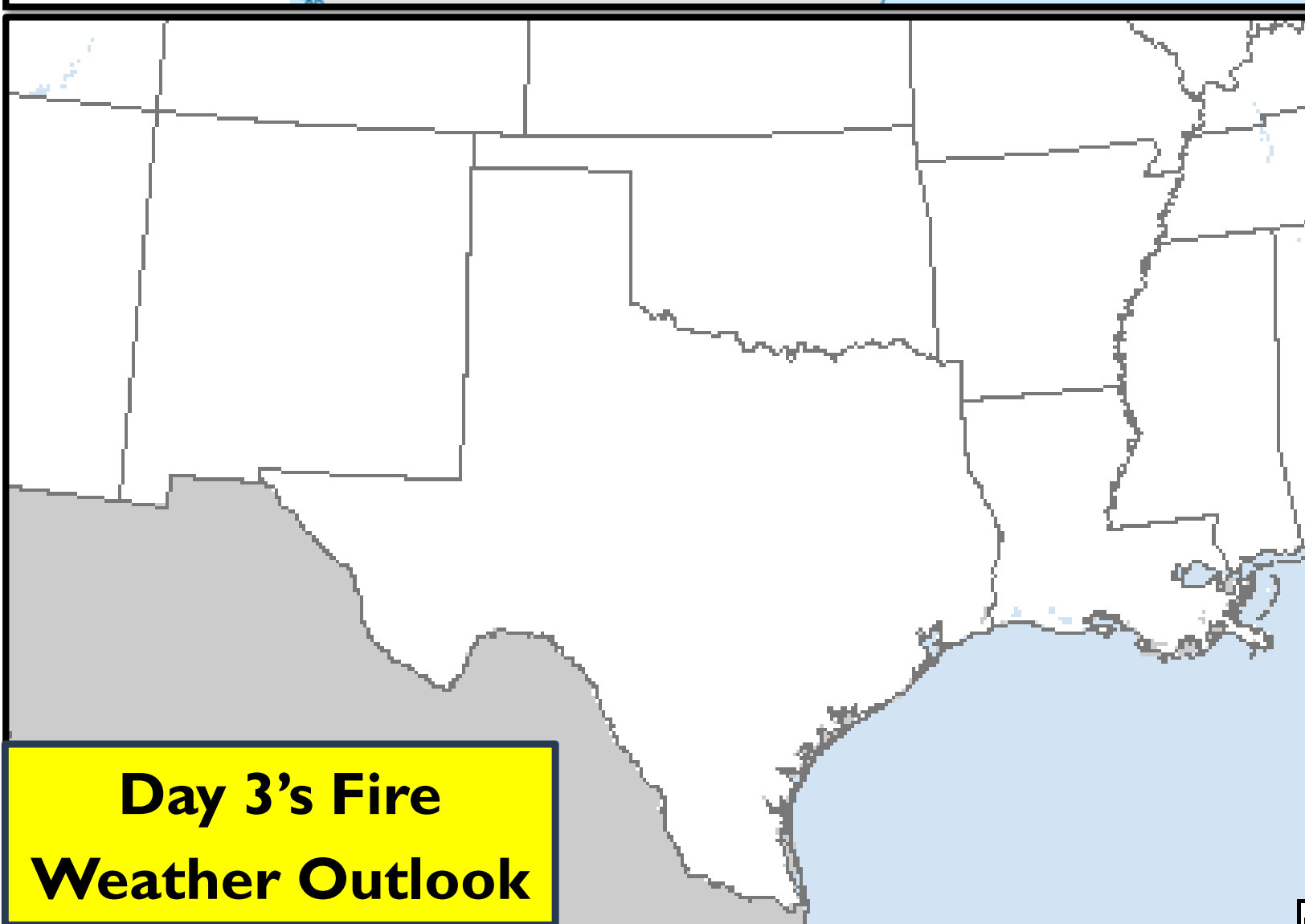
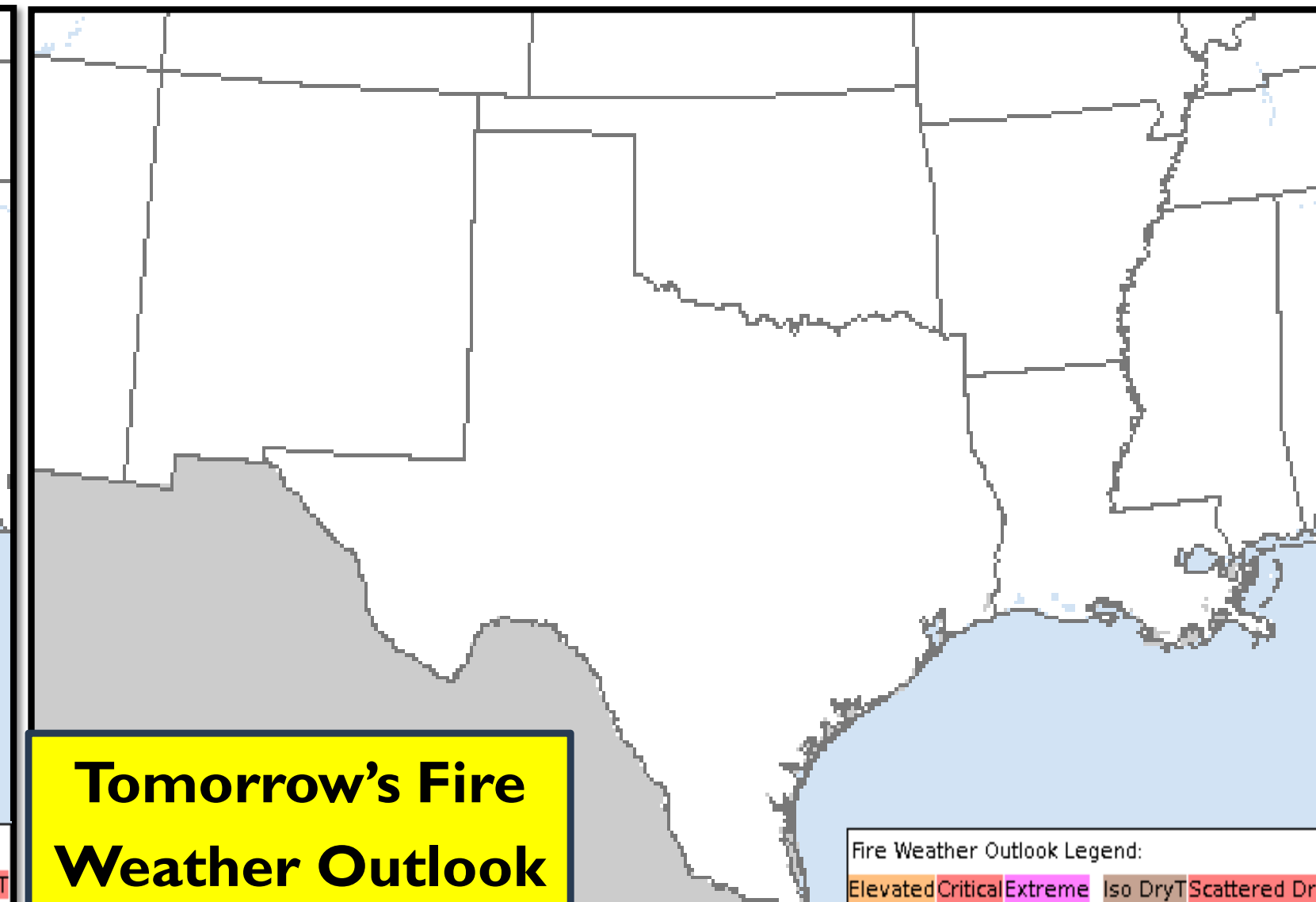
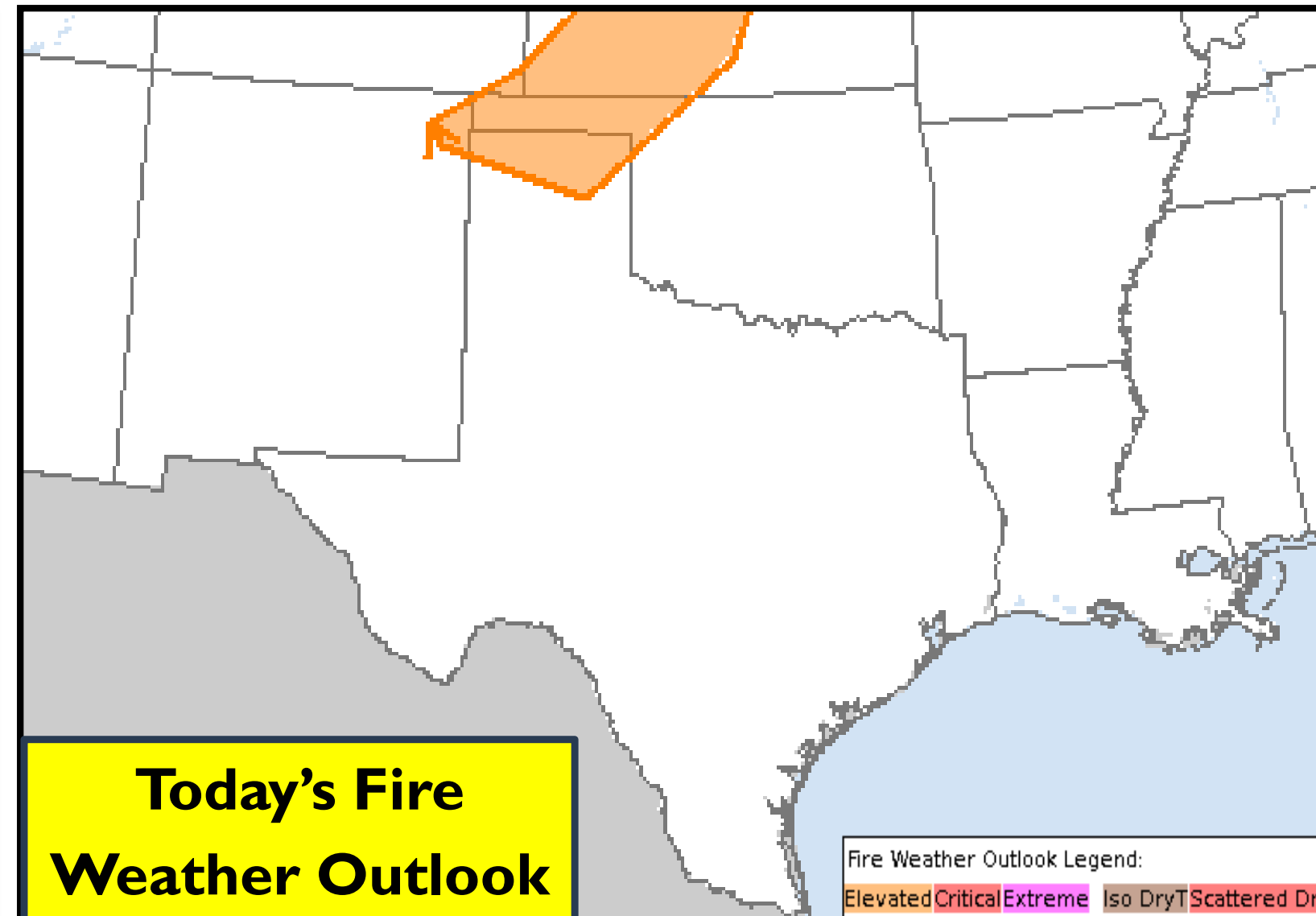
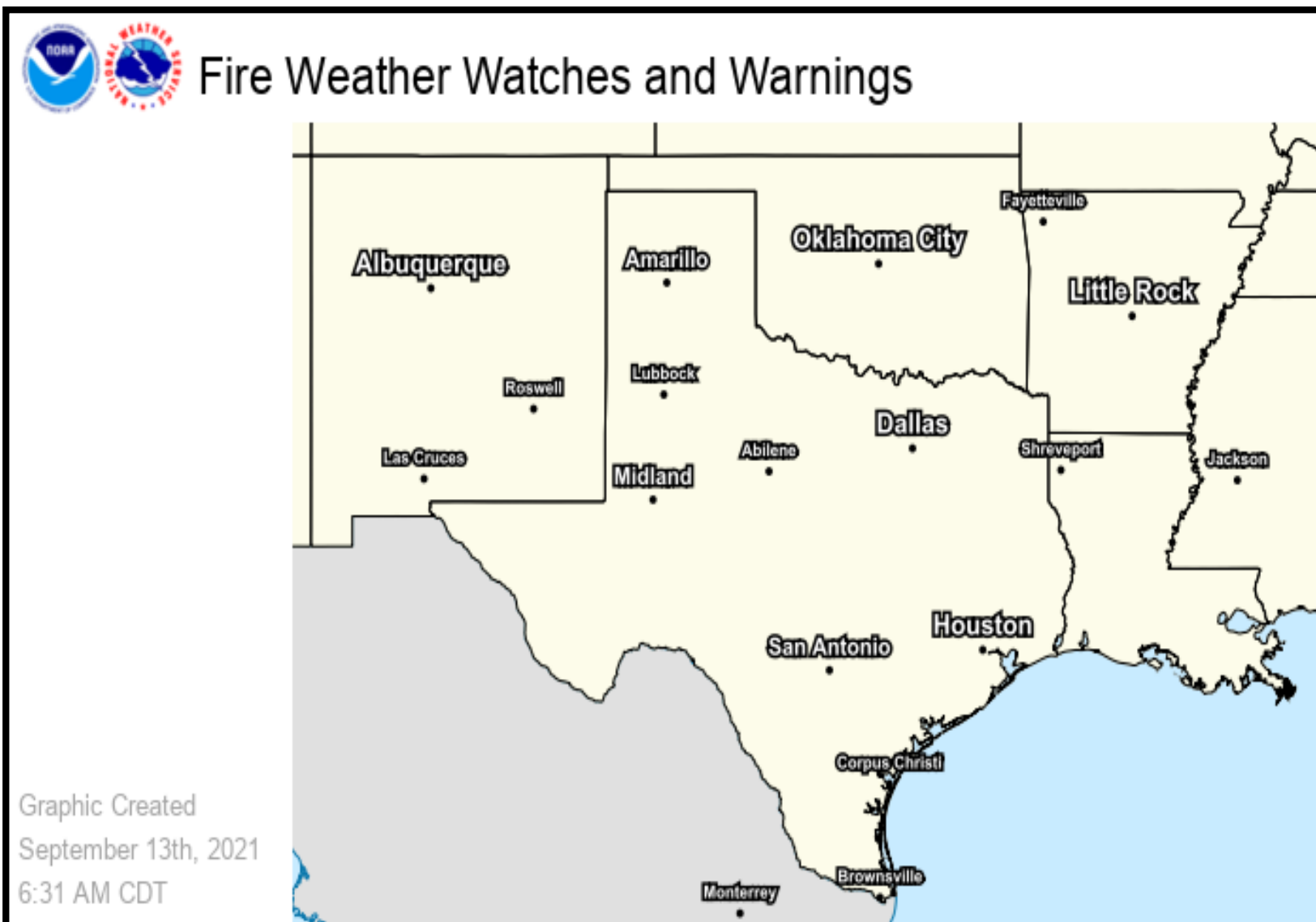
Tropical storm winds are expected along/near the TX coast today, with hurricane winds possible for the middle TX coast this afternoon and tonight. Some storm surge flooding is also possible along the TX coast today.

Isolated brief tornadoes possible for the TX coast.

Fire Weather Outlooks



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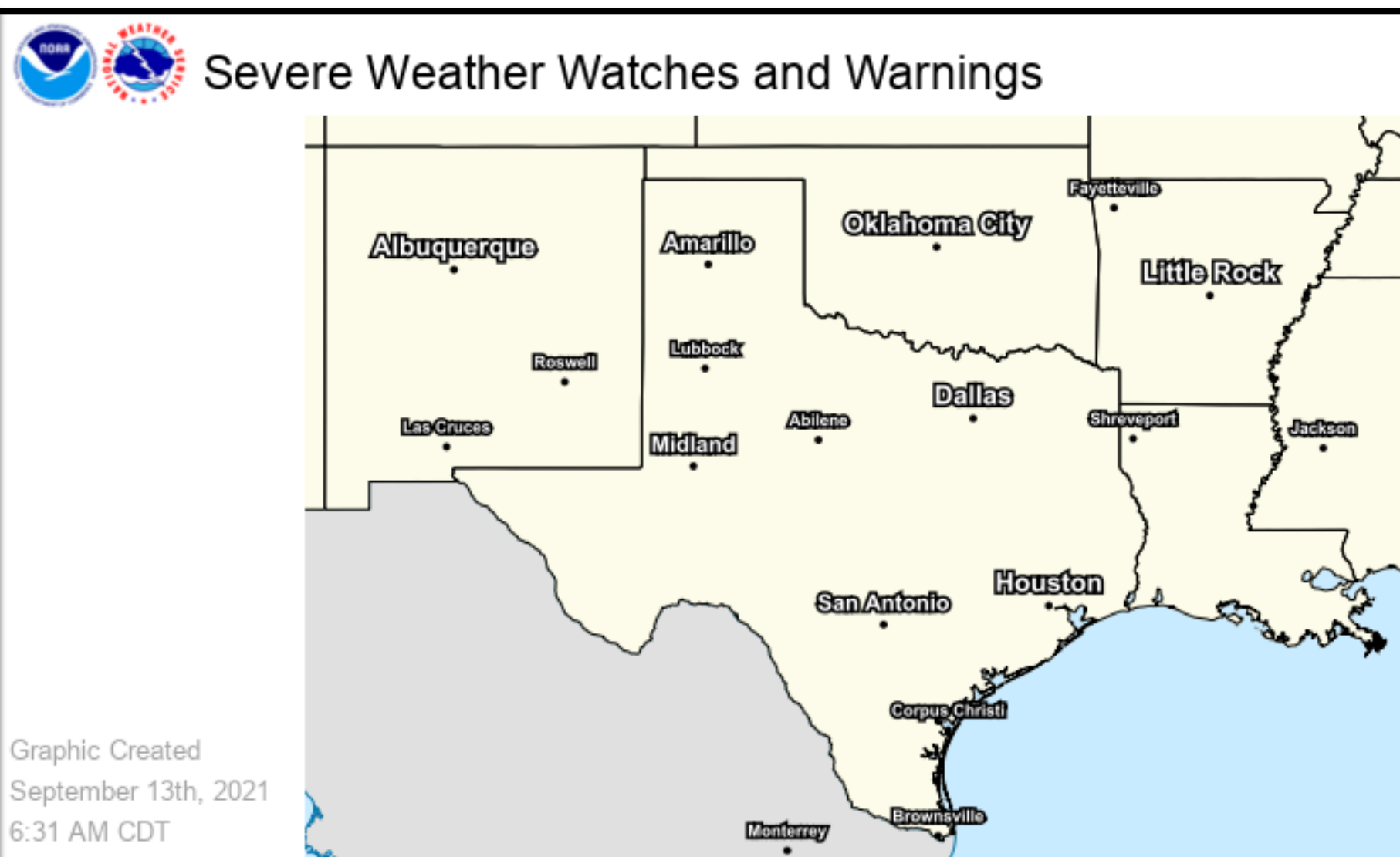


Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



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**Flash Flood Watches in effect
along/near the TX coast into
SE TX, SW LA, &
S-Central LA.**

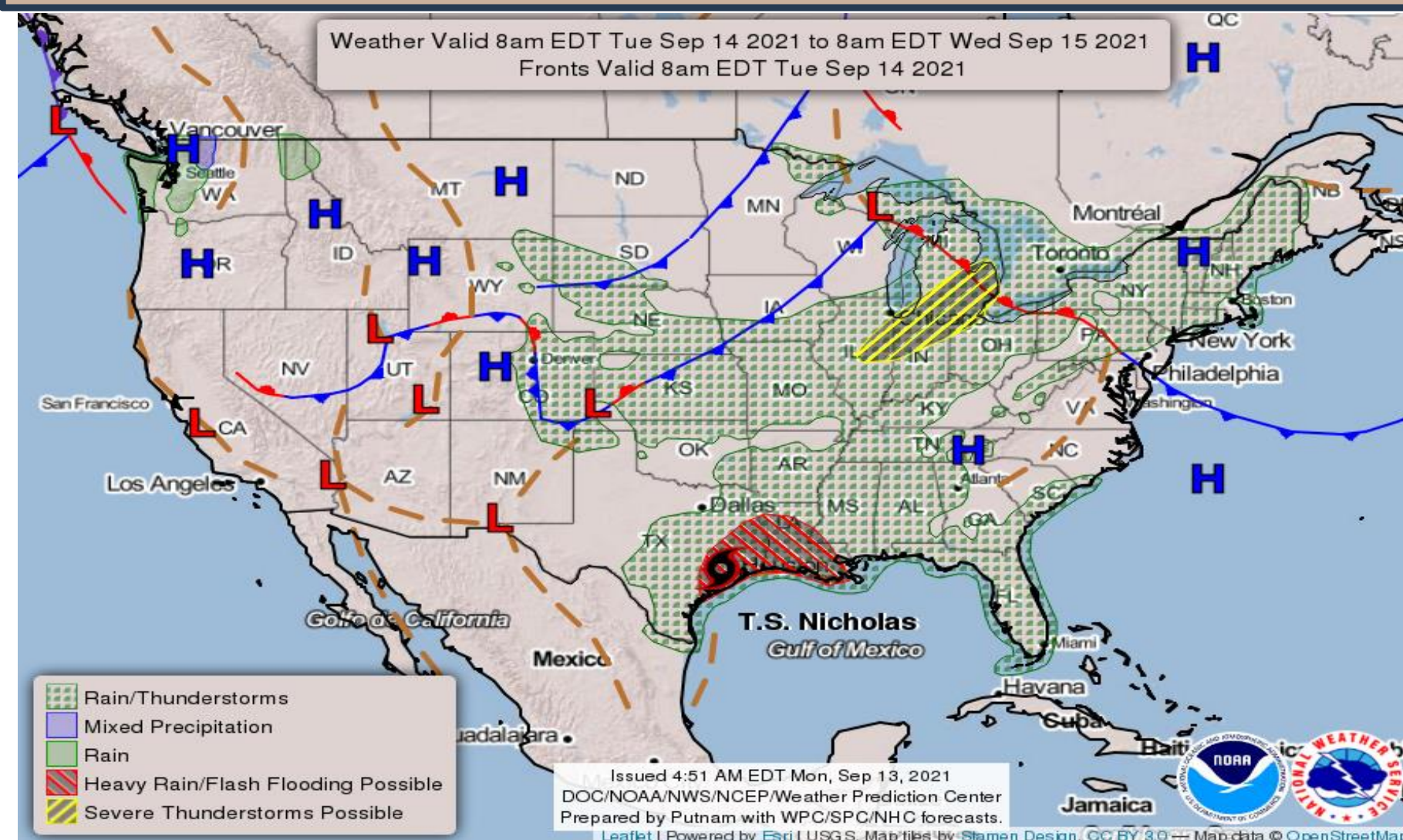


Tomorrow's Weather

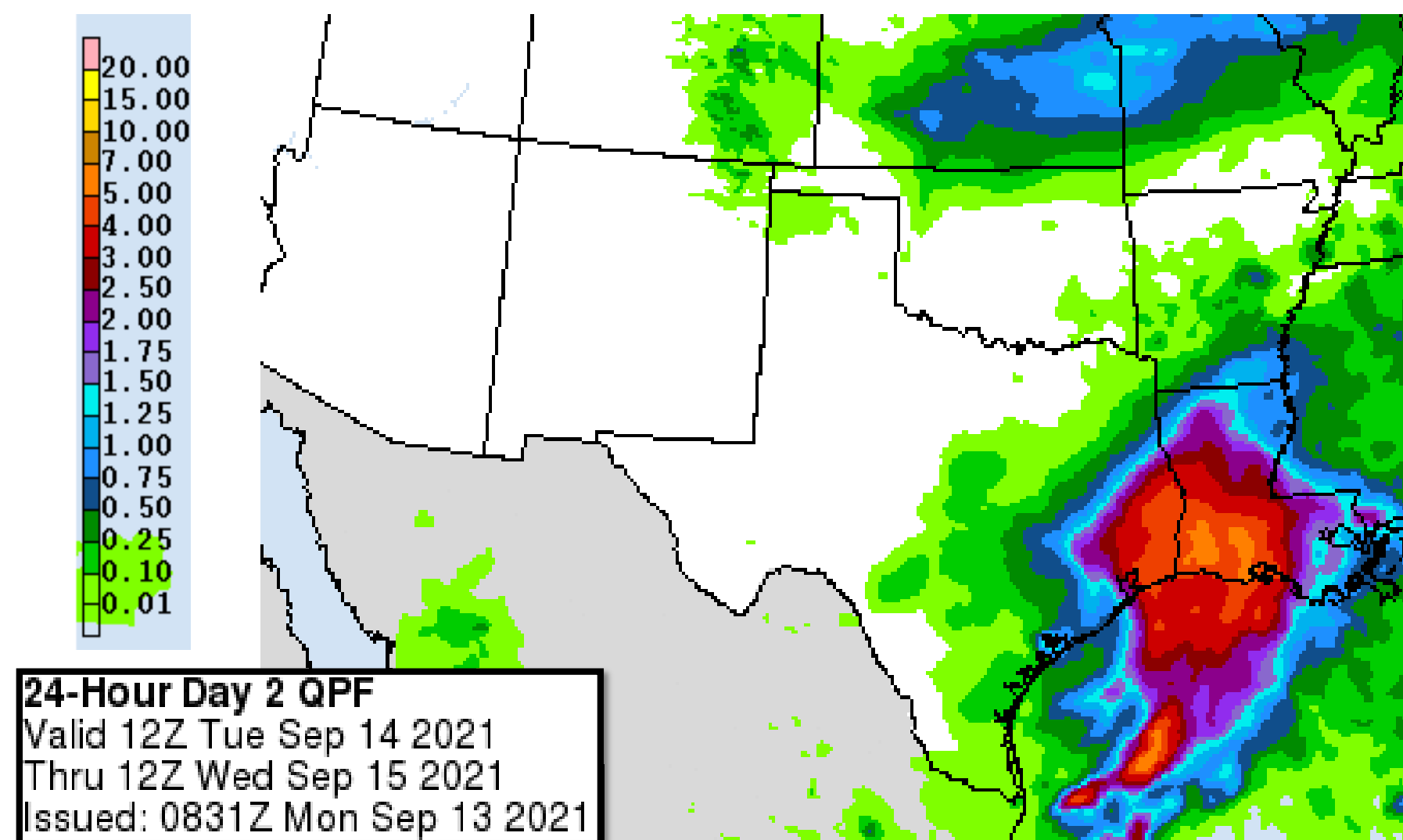


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Forecast Chart



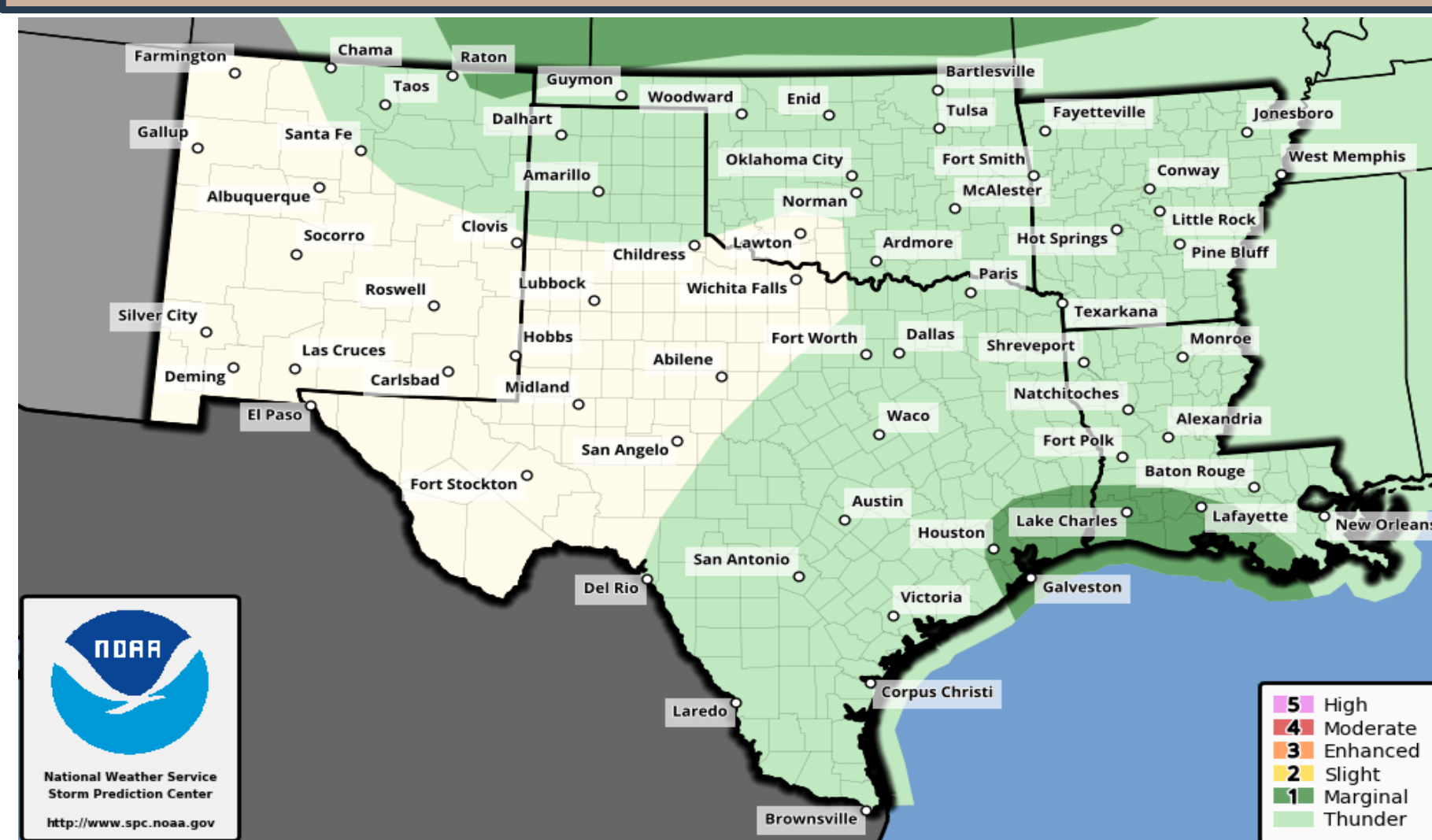
Forecast Rainfall



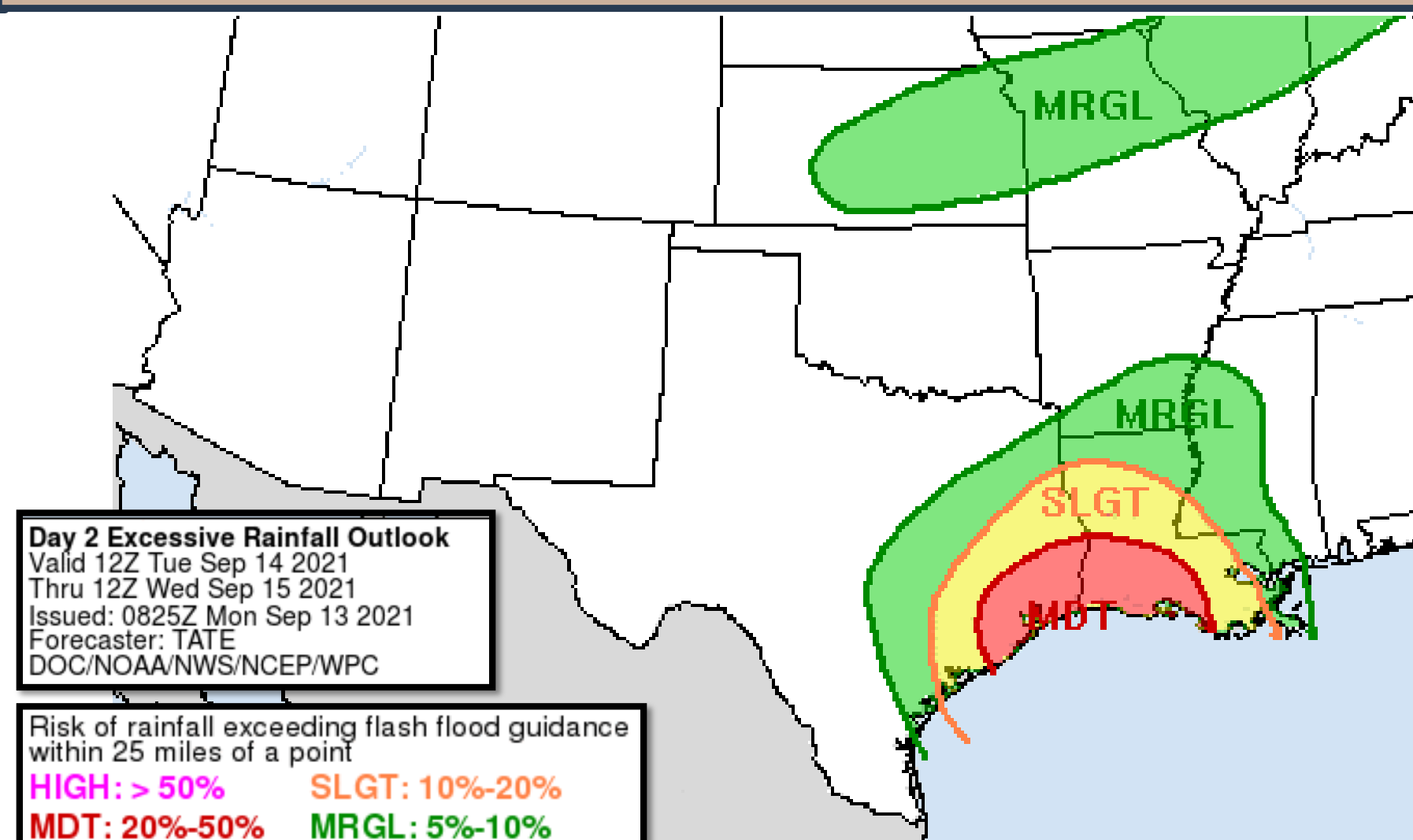
Significant heavy rain will lead to flash and urban flooding for SETX into SW & S-Central LA.

Isolated brief tornadoes possible for SETX into SW & S-Central LA.

Severe Weather Outlook

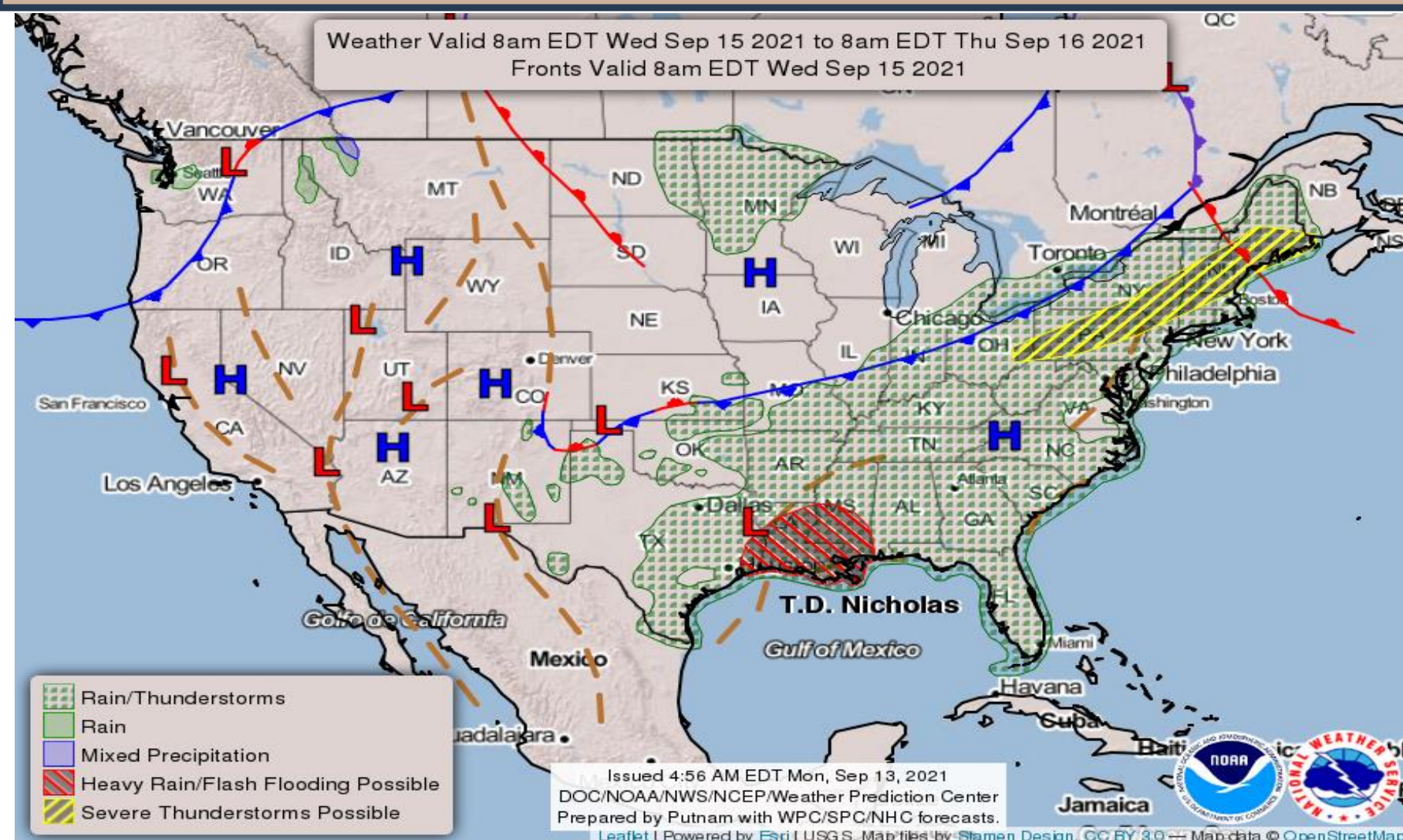


Excessive Rainfall Outlook

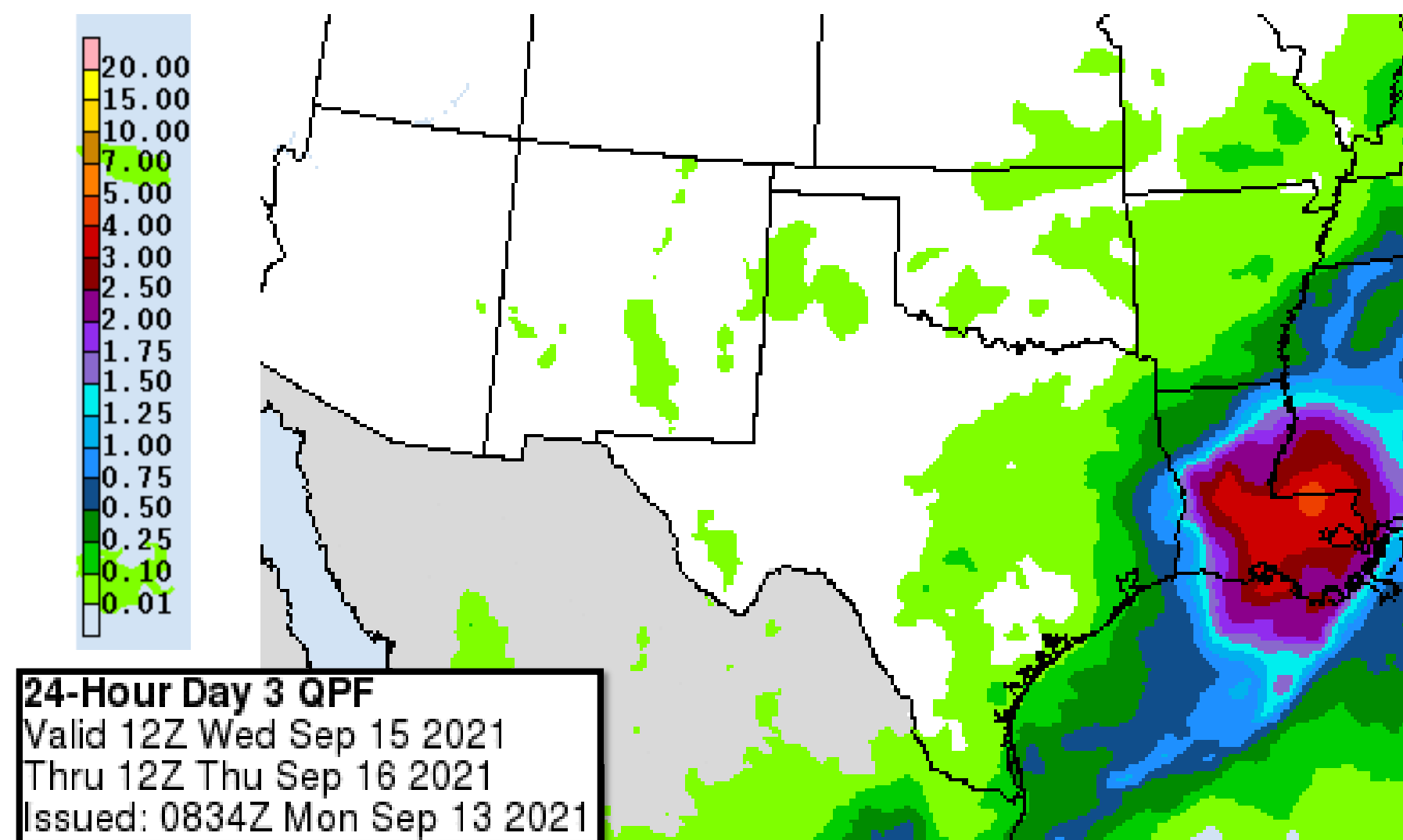


Wednesday's Weather

Forecast Chart

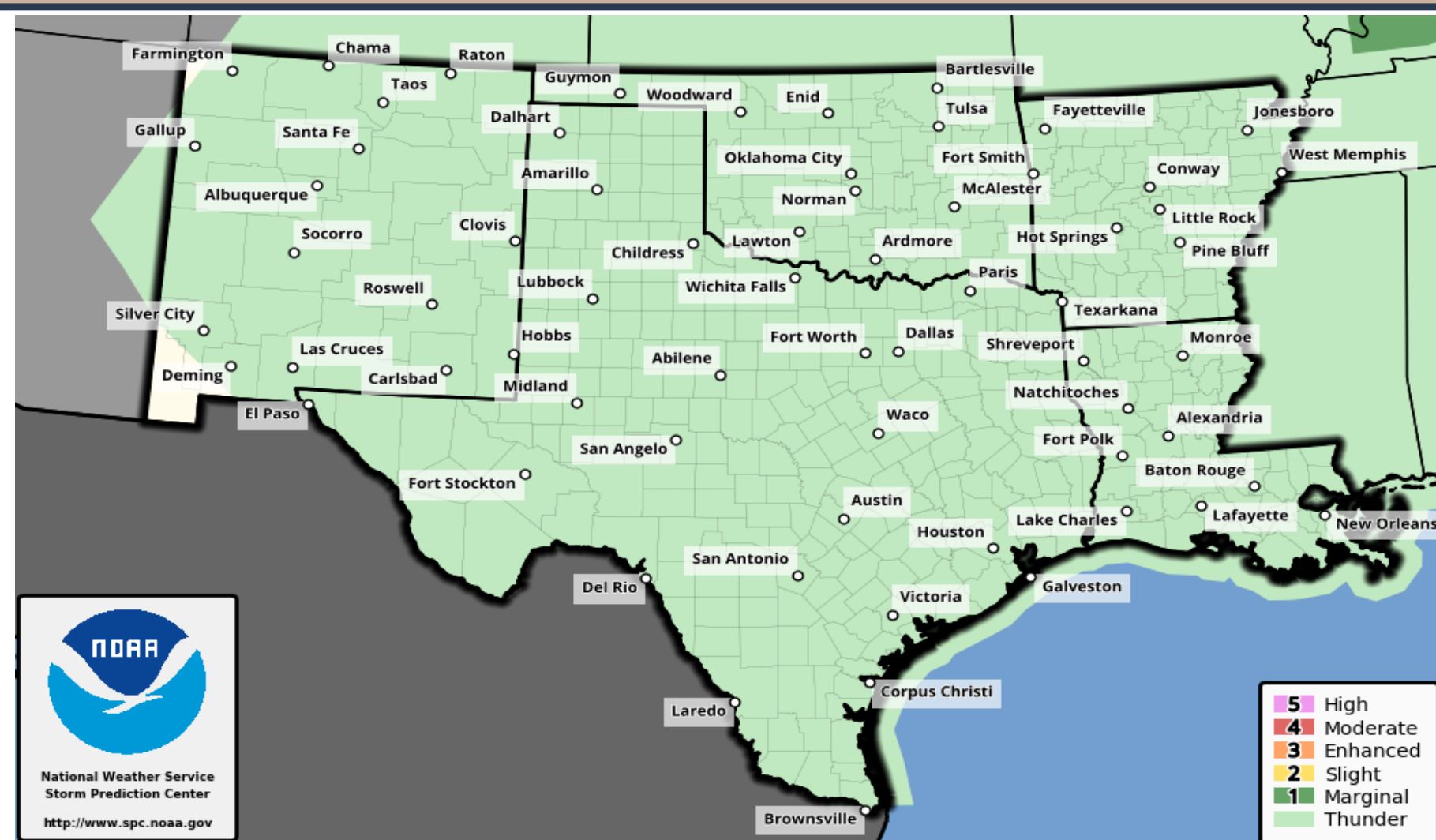


Forecast Rainfall

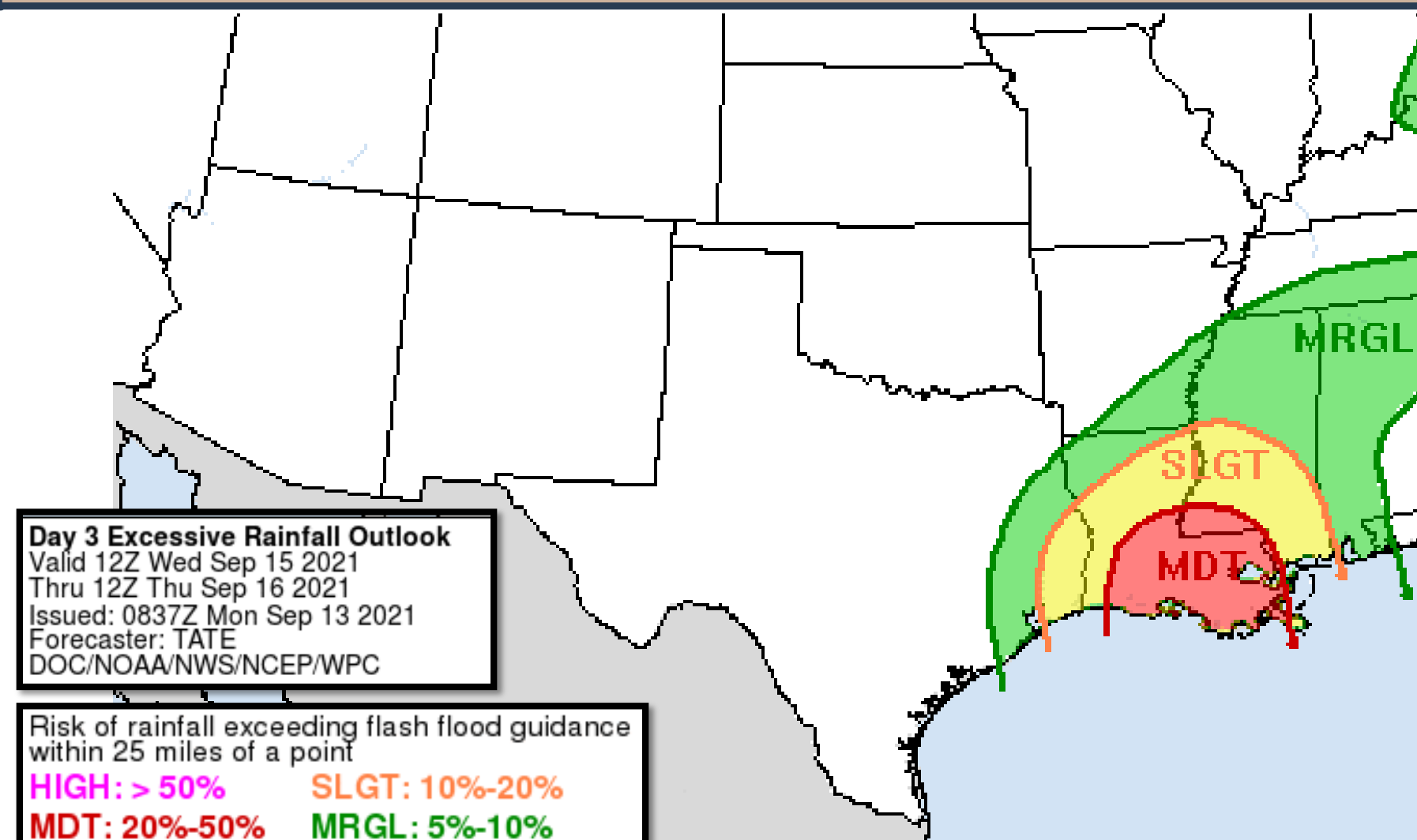


Heavy rain will likely lead to areas of flash and urban flooding for S LA.

Severe Weather Outlook



Excessive Rainfall Outlook



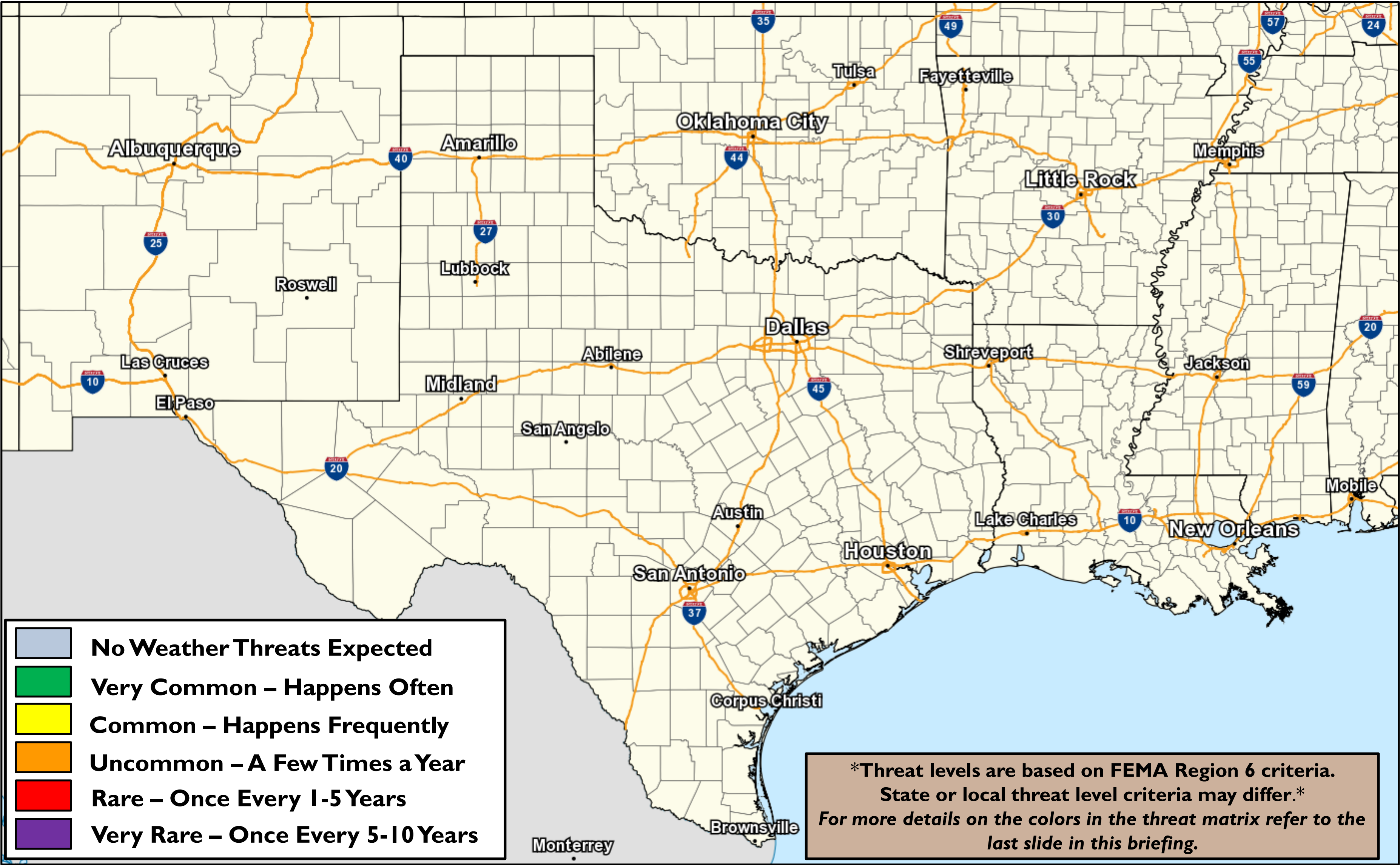
Days 4-5 Weather Hazards

Thursday - Friday



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No significant weather expected.

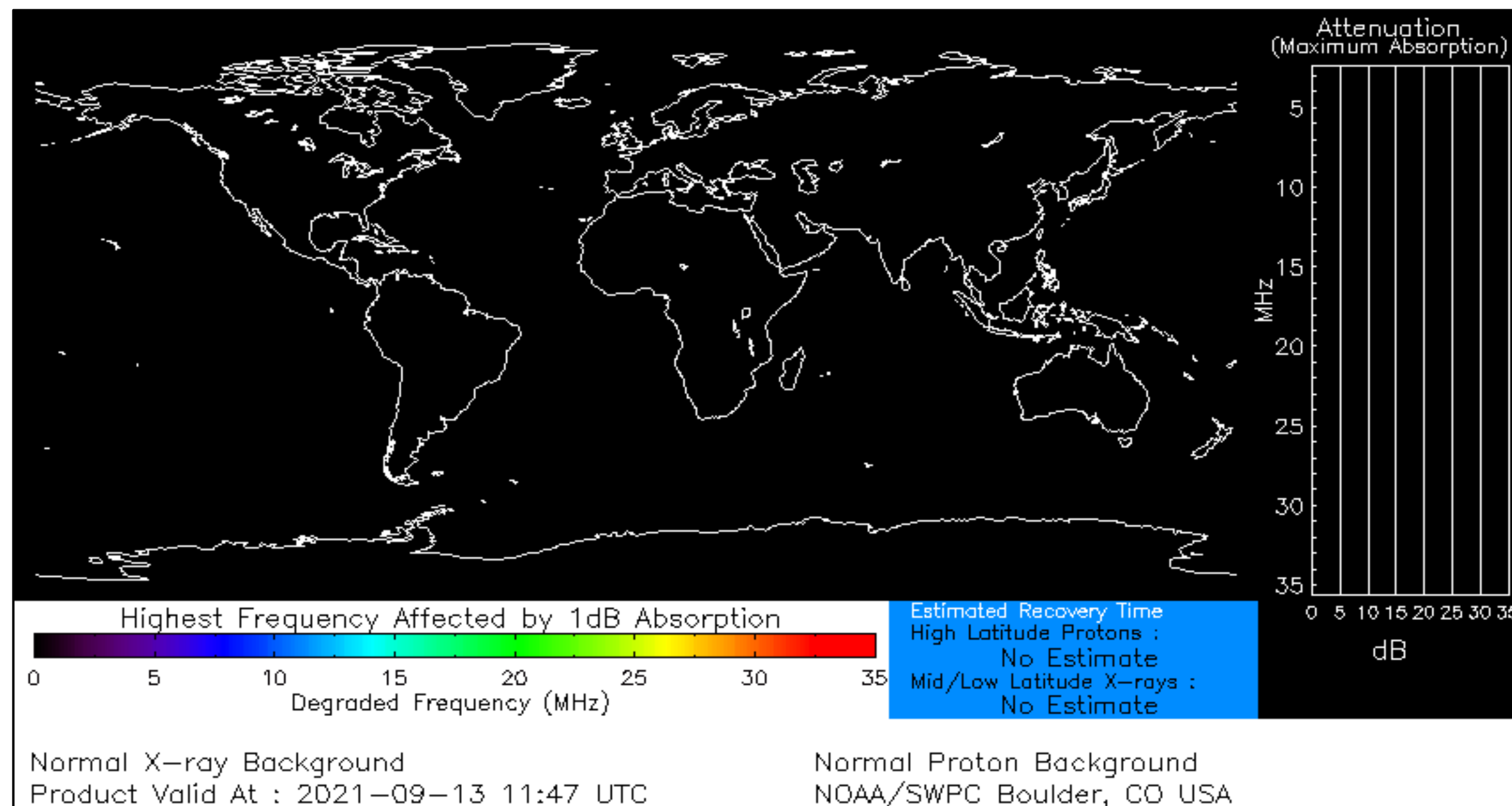


Space Weather 3-Day Forecast



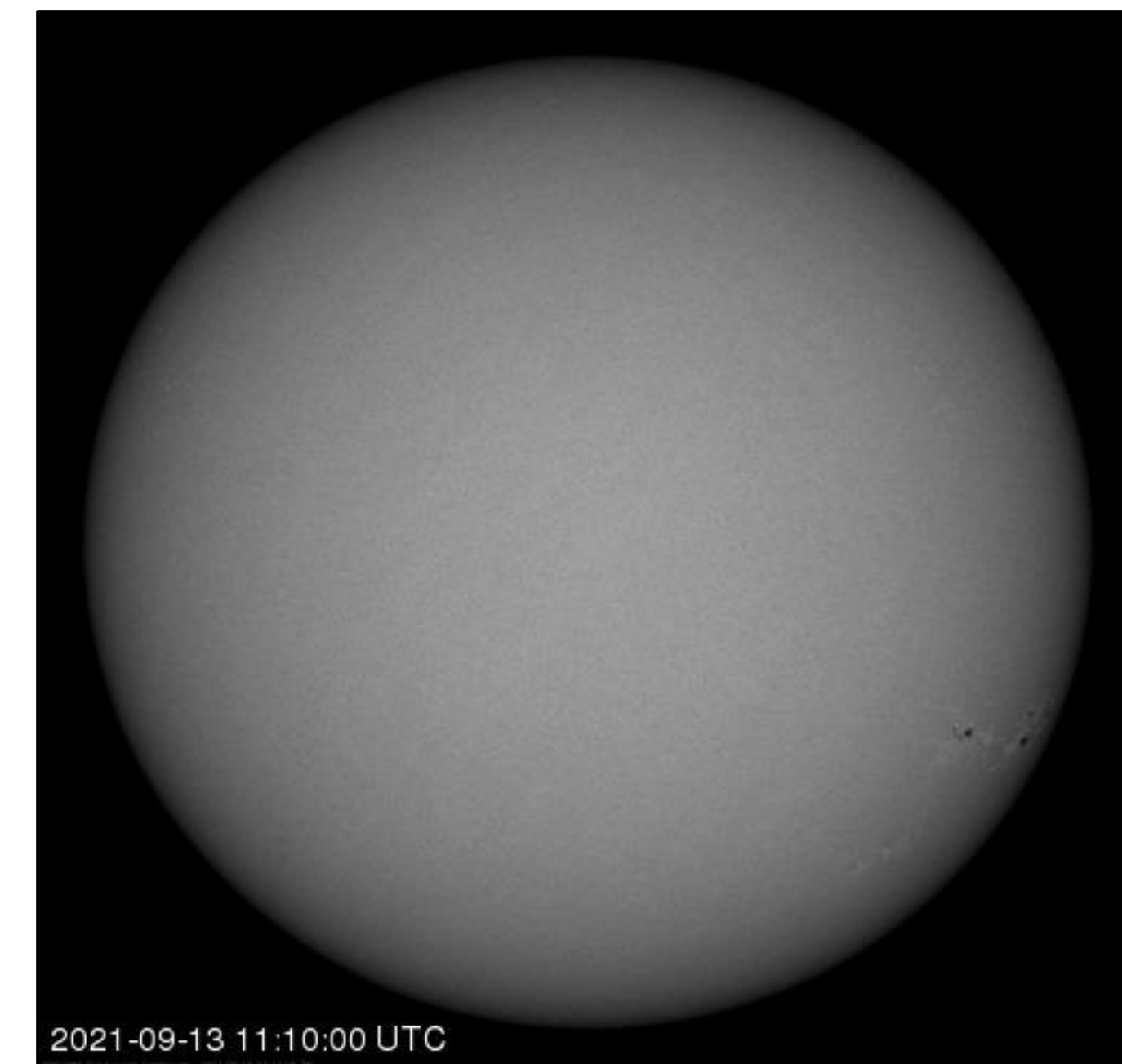
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	10%	10%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





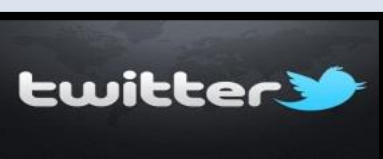
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov